

**SYSTEM AND METHOD FOR ANALYZING AND GENERATING
SUPPLEMENTARY SERVICE DATA UNITS IN PACKET BASED
MULTIMEDIA COMMUNICATIONS SYSTEMS**

5 CROSS REFERENCE TO RELATED APPLICATIONS

This application is a continuation-in-part of commonly owned U.S.
Patent Application Serial No. 09/586,408, filed June 1, 2000, and titled
"System and Method for Sending Messages Defined by an ASN.1 Structure
from an Application to the Signaling Entity and Vice Versa Via a Tree
Structured Text String," ^{now abandoned,} which is hereby incorporated by reference in its
entirety as if fully set forth herein.

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BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

The present invention relates to telecommunication systems and,
particularly, to a system and method for sending messages from an
application to signaling entities and, for particular embodiments, the sending
of APDUs between H.323/H.450 endpoints.

DESCRIPTION OF THE RELATED ART

The Abstract Syntax Notation One (ASN.1), described in the
International Telecommunications Union (ITU) X.680 and X.691
specifications, defines a data structure protocol for describing messages to be
exchanged between distributed computer systems. ASN.1 defines data units
independently of system architecture. Because of this, ASN.1 is used to
generate programming language code that forms the core of a wide variety of

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